# Vice-Chair’s Report – Ed teNyenhuis

The Vice-Chair’s Report will be presented at the Monday General Session.

## IEEE PES Calendar of Recent and Upcoming Events

The following are recent and upcoming PES sponsored conferences and committee events. Please check the PES website at [www.ieee-pes.org](http://www.ieee-pes.org) for further details, and additional events.

* 2021 IEEE PES General Meeting
Virtual Meeting
* 2022 IEEE PES Transmission and Distribution Exhibition and Conference
April 25 - 28, 2022, New Orleans, LA
* 2022 IEEE PES General Meeting
July 17 - 21, 2022, Denver, Colorado

## 2021 IEEE PES General Meeting, July 18 - 22, 2021 (virtual meeting)

The weblink for the event was <http://pes-gm.org/2021/>.

The theme for the 2021 IEEE PES General Meeting was “Managing Energy Business During a Pandemic”.

Below is a listing of the approved papers that were presented at the conference (transaction and conference).

| **Paper** | **Title** | **Type** |
| --- | --- | --- |
| 21PESGM0337 | Experimental Study on the Gas Bubble Temperature Around an Arc under Insulation Oil | Transaction |
| 21PESGM0589 | Effect of Voltage Waveforms of HVDC Converter Transformer on Lifetime Characteristics | Transaction |
| 21PESGM0248 | Transformer Active Protection Method Based on Multi-Parameter Fusion | Conference |
| 21PESGM0999\* | A Simplified Solid-State Transformer Model for Teaching Basic Concepts and Ideas | Conference |
| 21PESGM2041\* | Optimized Modeling Process for Air Core Reactors using Finite Element Analysis | Conference |
| 21PESGM2114\* | Comprehensive Analysis of Continuously Variable Series Reactor Using G-C Framework | Conference |

\* Nominated as Paper Forum Paper

## 2022 IEEE PES Transmission and Distribution Conference and Exhibition, April 25 - 28, 2022, New Orleans, LA

### Conference Theme

The weblink is <https://ieeet-d.org/>

The theme of the conference is *Power in Discovery*.

### Conference Paper Submittals

The paper submission period opened to authors on July 8, 2021 and closed on August 15, 2021. Papers were then distributed to various Technical Committees for peer review based upon the paper content. The Transformer Committee peer review process ended on October 28, 2021. Below is a summary of the submission status:

Total Submissions 13

Accepted 9

Rejected 3

Still in process …………………1 (waiting for author revision)

Below are the conference papers accepted so far (transaction and conference)

| **Paper** | **Title** | **Type** |
| --- | --- | --- |
| 2022TD0033 | How to Improve IEEE C57.104-2019 DGA Fault Severity Interpretation | Conference |
| 2022TD0042 | Resilient substations – concepts and applications | Conference |
| 2022TD0053 | Innovative Condition Monitoring Solutions Using Integrated Sensing Enabled by a New Generation of Dry Type Insulation Technologies | Conference |
| 2022TD0076 | Introduction of Clean Air Insulation for High Voltage Instrument Transformers | Conference |
| 2022TD0120 | Evaluation of GIC Thermal Capability of Power Transformers – Part I: Core Form Transformers | Conference |
| 2022TD0121 | Evaluation of GIC Thermal Capability of Power Transformers – Part II: Shell Form Transformers | Conference |
| 2022TD0147 | Power flow control of carbon-neutral energy to industrialized urban areas | Conference |
| 2022TD0181 | Improved Gyrator-Capacitor Modeling of Magnetic Circuits with Inclusion of Magnetic Hysteresis | Conference |
| 2022TD0026 | Assessment of In-Service Synthetic Ester Filled Transformers at 33 kV and Below | Transaction |

### Panel Sessions

There have been 3 panel sessions proposed for the Transformers Committee activities. They are still being reviewed by the Technical Program Chair.

### Tutorial Sessions

There are no tutorial submissions planned by the Transformers Committee.

### Paper Reviewer Recognition

Reviewing conference papers is a valuable service to both the authors and the transformer industry. The efforts spent by those who volunteer their time is an essential part of ensuring the papers that are presented are of the highest quality. The time and effort spent reviewing papers often goes unrecognized. The Transformers Committee offers its thanks and gratitude to the following people who volunteered their time to review one or more of the papers submitted. The number of offers received to review papers was tremendous.

Tauhid Ansari

Steve Antosz

Claude Beauchemin

Enrique Betancourt

Daniel Blaydon

Ali Cheema

Marc Foata

George Frimpong

Eduardo Garcia

Jack Harley

Gary Hoffman

Philip Hopkinson

Akash Joshi

Sheldon Kennedy

Zan Kiparizoski

Vijayan Krishnamurthy

Raja Kuppuswamy

Weijun Li

Xose Lopez-Fernandez

Kumar Mani

Sue McNelly

Ross Mctaggart

Ali Naderian

Shankar Nambi

Poorvi Patel

Christoph Ploetner

Tom Prevost

Bob Rasor

Scott Reed

Diego Robalino

Zoltan Roman

Alan Sbravati

Ewald Schweiger

Jin Sim

Kenneth Skinger

Mike Thibault

Jim Thompson

Kiran Vedante

Dharam Vir

Joe Watson

Bruce Webb

Drew Welton

Kris Zibert

Waldemar Ziomek

## 2022 IEEE PES General Meeting, July 17 - 21, 2022, Denver, Colorado

### Conference Theme

The weblink for the event is <http://pes-gm.org>

The theme of the conference is *Powering a Sustainable Future in a Changing World*.

### Conference Paper Submittals

The paper submission is presently open to authors and will close on Nov 10, 2021. Papers will then be distributed to various Technical Committees for peer review based upon the paper content. The Transformer Committee peer review process will begin after that.

### Panel Sessions

There are no panel sessions planned by the Transformer Committee at this time.

### Tutorial Sessions

There are no tutorial submissions planned by the Transformers Committee at this time.

Respectfully submitted,

Ed teNyenhuis

Vice-Chair

Nov 1, 2021